

Gateway Community College Weather Station Meta Data Summary



Phoenix, Arizona

Date of Station Installation: 12/16/2003

Weather Sensor Installation: 09/10/2004



State: Arizona

County: Maricopa

Latitude: 33 27' 03.7" (33.4510)

Longitude: 111 59' 44.0" (111.9955)

TRS: T1N-R3E-Section 12

Location: 40th St at Van Buren

Time Zone: MST – all year

Data Repeater: Thompson Peak

Elevation: 1,145 ft. msl

Owner: Flood Control District of Maricopa County

NWS CWA/Zone #: Phoenix, 23

Archived: Yes, from date of sensor installation

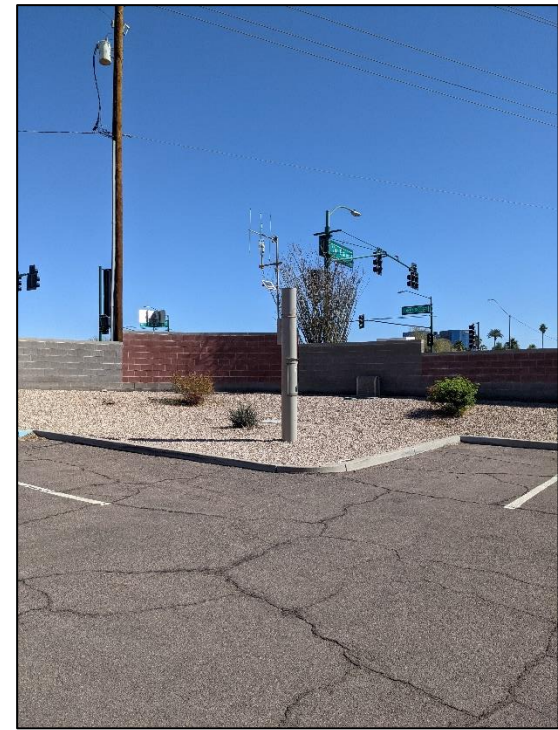
Site Description: flat ground near asphalt parking lot, Soil type –gravel

Obstructions: No obstructions

Equipment operates in the NWS ALERT Format. Transmission to the Flood Control District of Maricopa County via VHF radio. Detailed sensor information and additional photographs, next page.

Flood Control District of Maricopa County

Detailed Sensor Data								
Sensor	ID #	Data Begins	Type	Manufacturer	Model	Height AGL (ft)	Units	Frequency of Data
Rain	3000	12/16/03	Tipping Bucket	Hydrolinx	5050P	10.4	mm	Variable
Temperature	3001	09/10/04	Capacitive Ceramic THERMOCAP	Vaisala	WXT510	12.0	deg F/C	15 minutes
Relative Humidity	3002	09/10/04	Film Polymer HUMICAP	Vaisala	WXT510	12.0	%	15 minutes
Dewpoint (calculated)	3016	09/10/04	---	---	---	---	deg F	15 minutes
Wind Speed	3004	07/23/20	Wind transducers (3 pcs)	Vaisala	WXT510	12.0	mph	15 minutes
Wind Direction	3005	07/23/20	Wind transducers (3 pcs)	Vaisala	WXT510	12.0	deg	15 minutes
Peak Wind	3006	07/23/20	---	---	---	---	mph	15 minutes



2801 W. Durango St. Phoenix, AZ 85009 602-506-8701